

Title (en)
MAT CONSISTING OF TUBES AND METHOD OF FABRICATION

Title (de)
RÖHRENMATTE UND VERFAHREN FÜR DEREN HERSTELLUNG

Title (fr)
MAT A TUBES ET PROCEDE DE FABRICATION

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Application
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Abstract (en)
[origin: US2004053004A1] The invention relates to a tube mat (1) made of elastomer material in the form of an extruded product, comprising at least a first face side and a second face side, which are arranged perpendicular or at an angle in relation to the direction of extrusion; as well as a plurality of tubes (2) extending between the two face sides parallel with the direction of extrusion. The tube mat (1) as defined by the invention is characterized in that at least a part of the tube are closed at adjustable intervals, specifically with formation of an enclosed air column in each case, whereby the tube closure forms a one-piece elastomer composite with the tube mat. Furthermore, introduced is a method for producing the tube mat (1) as defined by the invention. According to the method, following extrusion, the tubes are pressed shut in points with the help of a pressure applicator roller that is provided with pins distributed over the circumference of the roller, specifically with formation of beads (5) and closing bridges (6). The vulcanization is carried out subsequently.

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